

# Robert O'Hagan

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

1,330  
citations

759233

12  
h-index

839539

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1344  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MEC-4 DEG/ENaC channel of <i>Caenorhabditis elegans</i> touch receptor neurons transduces mechanical signals. <i>Nature Neuroscience</i> , 2005, 8, 43-50.	14.8	457
2	MEC-2 regulates <i>C. elegans</i> DEG/ENaC channels needed for mechanosensation. <i>Nature</i> , 2002, 415, 1039-1042.	27.8	294
3	The Tubulin Deglutamylase CCPP-1 Regulates the Function and Stability of Sensory Cilia in <i>C. elegans</i> . <i>Current Biology</i> , 2011, 21, 1685-1694.	3.9	99
4	Vocal communication between male <i>Xenopus laevis</i> . <i>Animal Behaviour</i> , 2004, 67, 353-365.	1.9	78
5	The DEG/ENaC Protein MEC-10 Regulates the Transduction Channel Complex in <i>Caenorhabditis elegans</i> Touch Receptor Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 12695-12704.	3.6	75
6	The Multipurpose 15-Protofilament Microtubules in <i>C. elegans</i> Have Specific Roles in Mechanosensation. <i>Current Biology</i> , 2009, 19, 1362-1367.	3.9	72
7	Glutamylation Regulates Transport, Specializes Function, and Sculpts the Structure of Cilia. <i>Current Biology</i> , 2017, 27, 3430-3441.e6.	3.9	67
8	The tubulin repertoire of <i>Caenorhabditis elegans</i> sensory neurons and its context-dependent role in process outgrowth. <i>Molecular Biology of the Cell</i> , 2016, 27, 3717-3728.	2.1	47
9	Mechanosensation in <i>Caenorhabditis elegans</i> . <i>International Review of Neurobiology</i> , 2005, 69, 169-203.	2.0	35
10	Mating behavior, male sensory cilia, and polycystins in <i>Caenorhabditis elegans</i> . <i>Seminars in Cell and Developmental Biology</i> , 2014, 33, 25-33.	5.0	28
11	<i>Caenorhabditis elegans</i> paraoxonase-like proteins control the functional expression of DEG/ENaC mechanosensory proteins. <i>Molecular Biology of the Cell</i> , 2016, 27, 1272-1285.	2.1	27
12	Mutation of NEKL-4/NEK10 and TTLL genes suppress neuronal ciliary degeneration caused by loss of CCPP-1 deglutamylase function. <i>PLoS Genetics</i> , 2020, 16, e1009052.	3.5	15
13	Regulation of tubulin glutamylation plays cell-specific roles in the function and stability of sensory cilia. <i>Worm</i> , 2012, 1, 155-159.	1.0	14
14	CCP1, a Tubulin Deglutamylase, Increases Survival of Rodent Spinal Cord Neurons following Glutamate-Induced Excitotoxicity. <i>ENeuro</i> , 2021, 8, ENEURO.0431-20.2021.	1.9	7
15	MEC-10 and MEC-19 Reduce the Neurotoxicity of the MEC-4(d) DEG/ENaC Channel in <i>Caenorhabditis elegans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1121-1130.	1.8	6
16	Kymographic Analysis of Transport in an Individual Neuronal Sensory Cilium in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2016, 1454, 107-122.	0.9	3
17	A motor relay on ciliary tracks. <i>Nature Cell Biology</i> , 2015, 17, 1517-1519.	10.3	2
18	Phylogenetic conservation of the cell-type-specific Lan3-2 glycoepitope in <i>Caenorhabditis elegans</i> . <i>Development Genes and Evolution</i> , 2010, 220, 77-87.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Fixation and Immunostaining of Endogenous Proteins or Post-translational Modifications in <i>Caenorhabditis elegans</i> . <i>Bio-protocol</i> , 2021, 11, e4172.	0.4	0